## Montana Board of Oil and Gas Conservation Environmental Assessment

Operator: XTO Energy, Inc.
Well Name/Number: Tolksdorf 24X-27
Location: SE SW Section 27 T26N R53E
County: Richland, MT; Field (or Wildcat) Wildcat
Air Quality
(possible concerns)
Long drilling time: No, 25-35 days drilling time.
Unusually deep drilling (high horsepower rig): Triple derrick rig 1000 HP to drill a single lateral
horizontal Bakken Formation well, 19,052'MD/9,302'TVD.
Possible H2S gas production: Slight possibility of H2S gas production.
In/near Class I air quality area: No, class I air quality area.
Air quality permit for flaring/venting (if productive): Yes, DEQ air quality permit required under rule 75-
<u>2-211.</u>
Mitigation:
_X Air quality permit (AQB review)
Gas plants/pipelines available for sour gas
Special equipment/procedures requirements
Other:
Comments: Triple derrick drilling rig to drill a Bakken Formation single lateral horizontal well
<u>test.</u>
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Soils/Vegetation/Land Use

Comments: Surface location is on private surface lands.

Historical/Cultural/Paleontological
(possible concerns)
Proximity to known sites: None identified  Mitigation
avoidance (topographic tolerance, location exception)
<u>X</u> other agency review (SHPO, DSL, federal agencies)
Other:
Comments: Surface location is on private surface lands.
Social/Economic
(possible concerns)
Substantial effect on tax base
Create demand for new governmental services
Population increase or relocation Comments: _ Wildcat Bakken Formation horizontal well. No concerns.
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Remarks or Special Concerns for this site
Wildcat Bakken Formation horizontal well. A single lateral horizontal Bakken Formation well, 19,052'MD/9,302'TVD.
Summary: Evaluation of Impacts and Cumulative effects
No long term impact expected. Some short term impacts will occur.
I conclude that the approval of the subject Notice of Intent to Drill (does/ <u>does not</u> ) constitute a major action of state government significantly affecting the quality of the human environment, and (does/ <u>does not</u> ) require the preparation of an environmental impact statement.
Prepared by (BOGC):/s/ Steven Sasaki
(title:) Chief Field Inspector
Date: July 23, 2010
Other Persons Contacted:
(Name and Agency)
Montana Bureau of Mines and Geology, Groundwater Information Center
website.
(subject discussed)
Water wells in Richland County
(date)
<u>July 23, 2010</u>

US Fish and Wildlife, Region 6 website
(Name and Agency)
ENDANGERED, THREATENED, PROPOSED AND CANDIDATE SPECIES MONTANA
COUNTIES, Richland County
(subject discussed)
July 23, 2010
(date)
If location was inspected before permit approval:
Inspection date:
•
Inspector:
Others present during inspection: